INDEX.

Accounting, A Definition of, 75-84.
Accountancy as a Profession, The Present Position and Probable Development of, 85-96; Discussion of, 97-104.
Accounting in its Relation to Economics, 62-74.
Accounting, Round Table, 59.
Adams, T. S., 50.
American Way of Distributing Industrial Accident Losses, The, 119-134.
Andrew, A. Piatt, The Work of the National Monetary Commission, 377-383.
Are Modern Industry and City Life Unfavorable to the Family? 217-232; Discussion of, 239-246.
Barnett, G. E., 45.
Bemis, Edward W., 425.
Best Way to Work for Tariff Revision, The, 287-300.
Brummer, Leon, 100.
Bullock, C. J., 284, 427.
Bullock, C. J., Control of the Capitalization of Public Service Corporations in Massachusetts, 384-414.
Butterfield, Kenyon L., Rural Life and the Family, 233-238.
Byington, Margaret F., The Family in a Typical Mill Town, 193-206.
Canadian Industrial Disputes Act, The, 158-173; Discussion of, 174-179.
Carver, T. N., 21, 273.
Central Banks, 359-369; Discussion of, 370-376.
Central Bank of the United States, 338-358.
Chapin, R. C., The Influence of Income on Standards of Life, 180-192.
Clark, J. B., The Theory of Collective Bargaining, 24-39.
Clark, Victor S., 177.
Cole, W. M., 59.
Collective Bargaining, The Theory of, 24-39; Discussion on, 40-58.
Coöperation in the Marketing of Agricultural Produce, 258-265.
Coulter, John Lee, Coöperation in the Marketing of Agricultural Produce, 258-265.
Crook, J. W., 330.
Daggett, Stuart, 285.
Definition of Accounting, A, 75.
Devine, Edward T., 22.
Devine, Edward T., Results of the Pittsburgh Survey, 207-216.
Dixon, F. H., 275.
Doten, C. W., 55.
Dual Tariff Systems, 301-313.
Duncan, J. C., A Definition of Accounting, 75-84.
Durand, E. D., 421.
Eastman, Miss Crystal, The American Way of Distributing Industrial Accident Losses, 119-134.
Economic Literature, The Making of, 1-14; Discussion on, 15-23.
Economic Geography: An Attempt to state what it is, and what it is not, 247-257.
Ely, R. T., 423.
Emery, H. C., The Best Way to Work for Tariff Revision, 287-300.
Factors Affecting the Future of Water Transportation in the United States, 277-283; Discussion of, 284-286.
Farnam, Some Fundamental Distinctions in Labor Legislation, 105-118.
Frankel, Lee K., 156.
Fundamental Distinctions in Labor Legislation, 105-118.
Future of Water Transportation in the United States, Factors Affecting; Discussion

of, 284-286.
Hagerty, J. E., 15.
Hawley, F. B., 18.
Henderson, C. R., 155.
Henderson, Charles R., Are Modern Industry and City Life, Unfavorable to the Family? 217-232.
Hoffman, F. L., 152.
Industrial Accident Losses, The American Way of Distributing, 119-134.
Influence of Income on Standards of Life, The, 180-192.
Johnson, Emory R., Factors Affecting the Future of Water Transportation in the United States, 277-283.
Kellogg, Paul U., 239.
Labor Legislation, Some Fundamental Distinctions in, 105-118.
Litman, Simon, 102.
Litman, Simon, Tariff Revision and Foreign Markets, 314-325.
Lorenz, M. O., What Form of Workingmen's Accident Insurance Should our States Adopt? 135-151.
Making of Economic Literature, The, 1-14; Discussion on, 15-23.
Maltbie, Milo R., 417.
Marketing of Agricultural Produce, Coöperation in, 258-265.
Martin, John, 157.
Miller, A. C., 40.
Mixter, C. W., 326.
Morman, J. B., 266.
Nearing, Scott, 22.
National Monetary Commission, The Work of the, 377-383.
Patten, S. N., The Making of Economic Literature, 1-14.
Pittsburgh Survey, Results of the, 207-216.
Present Position and Probable Development of Accountancy as a Profession, 85-96; Discussion of, 97-104.
Public Service Corporations in Massachusetts, Control of the Capitalization of, 384-414; Discussion of, 415-430.
Rastall, B. M., 97.
Results of the Pittsburg Survey, 207-216.
Ripley, W. Z., 423.
Robinson, Edward Van Dyke, Economic Geography: An Attempt to state what it is and what it is not, 247-257.
Robinson, Maurice H., Accounting in its Relation to Economics, 62-74.
Rural Life and the Family, 233-238.
Sakolski, A. M., 98.
Shortt, A., The Canadian Industrial Disputes Act, 158-173.
Skelton, O. D., 174.
Sprague, O. M. W., 102.
Sprague, O. M. W., Central Banks, 359.
Standards of Life, The Influence of Income on, 180-192.
Sterrett, J. E., The Present Position and Probable Development of Accountancy as a Profession, 85-96.
Stone, N. I., Dual Tariff Systems, 301-313.
Swayze, F. J., 414.
Tariff Revision and Foreign Markets, 314-325.
Tariff Revision, The Best Way to Work for, 287-300.
Tariff Systems, Dual, 301-313.
The Family in a Typical Mill Town, 193, 206.
Theory of Collective Bargaining, The, 24-39; Discussion on, 40-58.
Warburg, P. M., Central Bank of the United States, 338-358.
Water Transportation in This Country, Round Table, 275.
Weatherly, U. G., 333.
What Form of Workingmen's Accident Insurance Should our States Adopt? 135-151; Discussion of, 152, 157.
White, Horace, 370.
Work of the National Monetary Commission, The, 377-383.
Workingmen's Accident Insurance, What Form Should Our States Adopt? 135-151; Discussion of, 152, 157.

INDEX.

"Ad. men": 122 n., 131, 133; working hours of, 151, 191; competency of, 234; training required by, 245.
Admission to membership: control of, 299, 322-325; apprenticeship requirement for, 300-303, 323; of incompetent workmen, 303; of expelled members, 305-309, 323; of women, 311-315; of negroes, 320-322; votes required for, 322; rights of applicants for, 323-325.
Advertisements: reinserted, 120, 195; large amount of "fat" in, 119, 121-123; use of matrices for, 189-192.
Albany society, 6, 7, 20, 23 n., 288.
"Alphabetical Standard": 126, 127; evasion of, 128.
Alterations in copy, 110.
American Federation of Labor, 72, 148, 156, 270 n., 272.
—— Newspaper Publishers' Association, 176, 193, 345-351.
"Amnesty", 308, 309.
Anthony, Susan B., 312, 314.
Appeals, 33, 37.
Apprenticeship: same, for all classes of printers, 43; connection of, with standard rate, 135 n., 178; problem of, 160-161; policy of early societies, 161-164; enforcement of rules for regulating, 163, 281, 283; rules of National Society concerning, 166-167; limitation of, 168-172; indentured, 173-174; term of, 174; training during, 176-180, 198; as a requirement for membership, 300-303, 323; grown men not allowed to become, 160 n., 281.
——, machine, 199.
Arbitration Agreement, 347-351.
Assessments: on wages, 77; special, 79-82.
Baltimore: early printers' societies in, 5.
Bankman, 150 n., 253.
Benefits: of early societies, 7-10, 89; plans for inter-society, 21, 22, 25; local systems of, 47, 91-93, 107; development of International system of, 92-106; as a means of attracting and holding members, 102, 103, 266.
"Bogus", 210, 212.
Bonus system, 133, 203.
Book and job offices: loss of "fat" by compositors in, 118; weakness of union in, 130; time rates lower in, 137; working day in, 143, 144; reduction of working day in, 152-156; irregularity of employment in, 209, 211; ratio of apprentices in, 171; "subbing system" does not prevail in, 223; "priority law" in, 242; boycott not effective against, 270.
Borrowing of matter, 182-184.
Boston: early printers' societies in, 5, 6.
Boycott: use of, by the Printers, 268-273.
Burial benefit: in early societies, 89; in local unions, 99; in International Union, 74-76, 100.
Canada: exchange of cards with unions in, 48; jurisdiction of International extended over, 49; number and membership of local unions in, 50; separatist movement in, 50, 51.
Canadian Printing Bureau, 289.
Card System: establishment of, 21, 24, 31, 43; violations of, 32, 93, 307, 321; effect of, in affiliating local unions 47, 287 n.; extension of, to Canadian unions, 48.
Carey, Mathew, 310.
Certificates of Membership. *See* Card System.
Chairman of chapel, 224, 295.
Chapel, 292-295.
Chief organizer, 39, 67.

Childs, George W., 95.
Classification: of matter, 111-124; of workmen, 135-139.
Closed shop rule: development of 284, 286; motives leading to establishment of, 287-291; insistence of unions upon, 340; an issue in eight hour strike, 342, 343. *See also* Preference in employment.
Collective bargaining: methods of, 327.
Columbia Typographical Society: organized, 6; affiliated with National Union, 47; controversy of, with General Duff Green, 164.
"Common" matter, 111.
Competency: standards of, 204, 233; of substitutes, 221 n.; definition of, by International, 232-236; as a requirement for membership, 303, 323.
Competition in printing trade, inter-city, 30, 36, 40, 140.
Conditional membership plan, 264.
Continuity of employment, 210-212.
Copy: alterations in, 110; classification of, 114.
—— cutter, 245.
—— holders, 254.
Cordwainers' cases, 8.
Correctors, 253.
"Country printers": 261; plans for affiliating, 264-266.
Craftsman: 147; favors use of boycott, 268.
Criminal prosecution, apparently not feared by early societies, 8.
Cuts and plates: charged for, 118.
Death rate in the International Union, 75, 94.
Decrease in force: under "priority law", 231, 235.
Defective type: charged for, 111.
Defense fund of International Union: 33, 34, 35, 36, 38, 39, 71; expenditures from, 73, 331; control of, 84; influence of, on methods of collective bargaining, 328.
—— —— of Typothetae, 340, 341.
"Departments": creation of, 121, 122.
Deputy organizers, 66, 262, 265.
Discharge of employees: regulation of, by union, 229; valid causes for, 231-237.
"Display" matter: 116; increase of, in newspapers, 119.
Distribution of work: voluntary, 213, 220; compulsory, 221-227.
Drexel, A. J., 95.
Driscoll, Frederick, 346, 348.
Dues: difficulty in collection of International, 82.
Duplication of matter: policy of union with reference to, 184-196.
Duty on imported books, 16.
Eight-hour day: agitation for, 155-156; negotiations concerning, 341-343; establishment of, 345.
—— strike: financing of, 78, 80 n.; displacement of old members by, 105; result of, 157, 289; extent of, 344.
Em: definition of, 124; as a unit of measurement, 125; attempts to standardize, 126-128.
Employers' Associations in the printing trade, 39, 326, 334-351. *See also* American Newspaper Publishers' Association and Typothetae.
Enforcement of trade regulations: resources for, 259-278; methods of, 279-283; agencies of, 292-297.
Evening newspapers: 137; working hours on, 151.
Exchange of matter: in type, 183; in matrices, 189-194.
Exclusion from the trade: purpose of, 287, 290, 298, 324; closed shop as a method of, 287-290. *See also* Admission to membership.
Executive council: International, 68, 69.
Expelled printers: proscription of, 18, 20, 22, 288; readmission of, 38, 305-309, 323. *See also* "Rat."
Expenditures: of International Union, 71, 76; of local unions, 84.
"Extras", 219, 220, 226.
"Extra work", 113.
"Fat": kinds of, 116; opposition by unions to diversion of, 117; loss of, in book and job offices,

118; increase in importance in newspaper offices, 119; division among compositors, 120-122; yielding of, in newspaper offices, 123. *See also* Lump rate.
Federation of Trades and Labor Unions, 174.
Finances: of International Union, 70-84; of local unions, 84.
Five days: working week of, 225.
Floormen: 150 n.; working hours of, 151.
Foreign languages: separate unions of printers in, 42; extra price for work in, 111, 114.
Foremen: power of, to hire and discharge, 213, 215, 221, 228-240; opposition of, to "subbing system", 216; evasions of "subbing system" by, 217-220; must be unionists, 295-297, 339, 345.
Franklin Typographical Society of Boston: organized, 7; proposes the establishment of inter-society benefits, 21, 300.
—— —— —— of Cincinnati: proposes the formation of a national organization, 23, 24.
General meeting: in early societies, 55; in local unions, 57.
Germania Typographia, 42.
Gompers, Samuel, 204.
Government: of the local unions, 55-58; of the International Union, 58-70.
—— Printing Office, 202, 289, 320.
Grading of workmen, 136.
Green, General Duff, 164, 310.
Grown men: opposition to, as apprentices, 160 n., 281.
"Half-way journeymen", 160 n., 162.
Hansard, T. C., 109 n., 112 n., 292 n.
Hatters: label of, 273, 276.
Hearst, W. R., 193, 272.
Hiring of employees: to be in hands of foreman, 228. *See also* "Subbing system".
Home for aged printers: sentiment in favor of, 95; offers of land for, 96; located at Colorado Springs, 96, 97. *See also* Union Printers' Home.
Hawaiian Islands: local union in, 50.
Incompetency: of substitutes, 221 n.; as a cause for discharge, 232-235
Incompetent workmen: influence of, on standard rate, 135 n., 304; exclusion from membership of, 303, 324.
Incorporation of early societies, 12, 13.
Indentures, 160, 168, 170, 173, 180.
Initiation fee, 11, 47, 91, 325.
Initiative, the, 63, 64.
Inland Printer Technical School, 180, 181.
Insurance branch, 94. *See also* Life insurance.
International Typographical Union: functions, 29, 40; jurisdiction, 46-54; government, 58-70; representation of local unions in, 60; officers, 59-62; sessions, 64; ineffectiveness of, as a governmental institution, 69.
Irregularity of employment: 209, 210; effect of typesetting and typecasting machines on, 212.
Job work: increase of, 131.
Jurisdiction: definition of term, 41; of the local unions, 41-46; of the International Union, 46-54; over classes of workmen, 245-256.
Justifying: term defined, 112.
Kansas City: strike at, 80, 329.
Knights of Labor: influence of, 39, 268 n., 270, 274.
Label, the Printers': 268; history of, 273; propaganda for, 275; requirements for use of, 274; effectiveness of, 276-278.
Leaded matter: rate for, 119 n.
"Learners' scales" on typesetting machines, 199, 200, 204, 208.
Lewis, Augusta, 313, 314.
Life insurance, 93, 106. *See also* Insurance branch.
Linotype: introduction of, 197. *See also* Typesetting and typecasting machines.
Local Unions: autonomy of, 40; jurisdiction, 41; government, 55; officers, 58; representation in International Union, 59; charters for, 259.
Los Angeles *Times:* boycott of, 271-273.

Lump rate, 117, 124, 194.
Lynch, James M., 103, 106, 173, 178 n., 193, 223, 255, 256, 275, 304 n., 323, 349.
Machine operators: wages, 137, 202; working hours, 151; apprenticeship of, 199; only printers to be employed as, 198, 245; regularity of employment among, 202, 212; exhausting character of work of, 202, 203; speed of, 204; proportion of unionists among, 207; training of, 207, 208; women as, 317-319. *See also* Typesetting and typecasting machines.
Machine tenders: proportion of unionists among, 207; jurisdictional dispute concerning, 248-253.
—— helpers, 254.
Machinists, International Association of: jurisdictional dispute with, 249-251.
Machinists' Union, National, 248, 249.
Make-up men, 150, 245.
Making up, 109, 110 n., 118.
Mass meetings of printers, early, 3.
Matrices: use of, for advertisements, 190; inter-city exchange of, 192; "reproduction" of, 190, 191, 195, 196.
Matter: measurement of, 124-132; classification of, 111-124; borrowing of, 182-184; duplication of, 186; "reproduction" of, 190, 191, 195, 196.
Measurement of matter. *See* Em.
Membership: inter-society exchange of, 20-22, 25, 31; expulsion from, 304; readmission to, 305-309. *See also* Admission to membership.
Migration of printers: 30; influence of, on character of International benefits, 101.
Monotype, 255. *See also* Typesetting and typecasting machines.
Morning newspapers: rate for printers on, 137 n., working hours on, 151; prohibition of apprentices on, 170-171.
Mutual insurance: term defined, 89 n.
National Board of Arbitration, 191.
—— Convention of Journeymen Printers, 26, 27, 48, 59, 167, 170.
—— fund. *See* Defense fund.
—— Typographical Association, 25, 48.
—— —— Convention, 23, 166, 293.
—— —— Society: organized, 23-25; apprenticeship regulations of, 167.
—— —— Union: organized, 27; weakness of, 30-33; attempts to strengthen, 33-39; origin of constitution of, 58. *See also* International Typographical Union.
Negro printers: admission to membership of, 320-322, 323 n., number of, 322.
New Orleans: early printers' society in, 6.
Newspaper offices: "fat" in, 119-120, 123; rate of pay in, 130, 137; working day in, 144, 151; continuity of employment in, 210; "subbing system" in, 212.
—— Publishers' Association, American. *See* American Newspaper Publishers' Association.
New York: early societies of printers in, 4; mass meeting of printers in, 3.
—— scale: of 1809, 113, 117, 143; of 1815, 115.
—— Typographical Society: organized, 5; incorporated, 12.
Nine-hour day: agitation for, 147, 152; negotiations for, 148, 153, 338; establishment of, 153, 338.
Non-unionists: exclusion of. *See* Closed shop rule.
North End Union: school of printing maintained by, 180.
Oberly, John W., 35, 36.
Odd Fellows, Grand Lodge of, 58, 59, 76.
Officers of International Union: 59; election of, 58, 62; duties of, 60, 66.
—— of local unions, 58.
Old age pensions, 71, 75, 77, 78, 104.
Old members: displacement of, 105; lower wage rate for, 135.
Operator machinists: number of unionists among, 207; jurisdictional dispute concerning, 250.
Order of Faust, 26.
Organization of new unions, 70, 261-264.
Organizers: duties of, 262, 329,

334; method of appointment, 263, 329-331; expenditures for, 331; efficiency of, in preventing strikes, 332.
Ottawa union: secession of, 51.
Out-of-work benefit: advocated, 103, 106; in New York union, 105.
Overtime: rates for, 157, 158; distribution of, 221 *et seq.*
"Patent outsides", 184.
Per capita tax: 76; collection of, 82.
"Percentage System", 77.
"Phalanxing", 218.
Philadelphia: early printers' societies in, 3, 5, 7; mass meeting of printers in, 3.
—— Typographical Society: organized, 5; incorporated, 11.
Philippine Islands: local union in, 50.
Piece system: among hand compositors, 109, 110; insisted on by newspaper compositors, 120; opposition to, in book rooms, 131; on typesetting and typecasting machines, 132.
Pittsburg: strikes in, 79, 248, 338.
Plates: charged for under piece system, 118; influence of, on desire for shorter workday, 147, 186, 189; policy of union with reference to use of, 185-189.
"Plate factories", 188.
Plate holders: invention of, 186.
"Practical printer": term defined, 302.
Preference in employment, 24, 284. *See also* Closed shop rule.
Prescott, W. B., 53, 63, 84 n., 102, 105 n., 181, 200, 201, 247, 249, 257, 260, 263, 322, 330.
President: of local union, 58; of International Union, 61, 65, 67, 323.
Pressmen, 55 n., 243, 338.
Printers' Circular, 35.
Printers' Protective Fraternity, 52, 271, 309 n.
"Priority law": development of, 230-240; effects of, 240; does not apply to foremen, 297.
Promotion: regulation of, by union, 230, 237-240.
Proof-press operators: hours of, 150 n., 151; employment of unskilled workmen as, 253.
Proof readers: 133; rate of pay for, 137; working hours of, 151; competency of, 234; equipment of, 245; employment of printers as, 245-248.
Provisional membership, 265.
Rastall, Samuel, 128, 129.
Recall, the, 272 n.
"Rat": the term, 23; proscription of, 24, 25, 288. *See also* Expelled printers.
Referendum, the: in local unions, 57; introduction of, in International, 63; experience of union with, 64.
Reprint: rate for, 114.
"Reproduction" of matter, 190, 191, 193, 195, 196.
Reserve fund: establishment of, 80, 81; advantages of, 82.
Reüse of matter: policy of union with reference to, 184-196.
Revenue of the International Union, 76-82.
Richmond Beneficial Society: organized, 13; affiliated with National Union, 47.
Second National Convention of Journeymen Printers, 27, 168.
Secretary-Treasurer: of local unions, 58; of International Union, 61, 65, 67.
Sharing of work. *See* Distribution of work.
Sick benefit: in early societies, 90; International, advocated, 103.
Six days: working week limited to, 221-224.
Societies of printers, early: formation of, 3-6; character of, 6; history, 7-13; relations among, 16-22; jurisdiction of, 43; government, 55; beneficiary features in, 89-91; standard rate enforced by, 108; working day regulations of, 143; apprenticeship policy of, 160.
Southern unions: secession of, 50.
Specialization: during apprenticeship, 43, 176, 179, 198; among journeymen, 234, 239, 243, 255, 302.

Speed contests, 203.
Standard rate: 108-142; equalization of, 141; relation of, to length of apprenticeship term, 175; relation of, to competency, 304.
"Standing time", 210, 212.
Stereotyping: 185; as a means of duplicating matter, 186.
Stint on typesetting machines, 203.
"Stone hands", 131 n., 133.
"Straight" matter: defined, 116.
Strike fund, 33, 35, 36, 38, 39. *See also* Defense fund.
Strike relief, 267, 268.
Strikes: importation of workmen during, 16, 17, 344; special assessments for, 80; control of, by International officials, 328-334.
"Subbing system": 213; opposition of foremen to, 214; evasions of, by foremen, 217-219; ineffectiveness of, 220.
"Sub lists", 214-216, 229.
Substitutes: promotion of, 230, 237-240. *See also* Subbing system.
Syracuse Conference: 141, 338.
—— agreement, 153, 154.
Technical education, 180.
Territorial jurisdiction: of local union, 44-46; of International Union, 47-54.
Third National Convention of Journeymen Printers, 27.
Time work: transition to, 131-134; effect of, on desire for shorter workday, 146.
—— scale: form of, 137.
Toronto Typographical Society, 49.
Trade agreements, 351-353.
Trade regulations: among early societies, 6; relation of, to benefits, 10, 102-103; of International, not arbitrable, 351. *See also* Enforcement of trade regulations.
Trade schools, 180.
Transfer of matter. *See* Exchange of matter.
Travelling printers: number of, 30, 31; relief of, 93; opposition of, to "sub lists", 215.
Tuberculosis among printers, 97, 98, 100.
Two situations: holding of, forbidden, 226.
"Two-thirders", 163, 168.
Typesetting and typecasting machines: displacement of compositors by, 105 n., 197 n.; increase in number of time workers due to, 132; high fixed charges for operation of, 133; effect of, in shortening the workday, 149; effect of, on specialization, 172, 176, 244; effect of, on number of apprentices, 177; use of plate matter decreased by, 189; policy of union regarding, 198-203; control by union of, 204-208; effect of, on jurisdiction of union, 245, 247, 250, 254. *See also* Machine operators.
Typographical Journal, 63, 72, 77.
Typothetae, United: favors graded scale, 136; favors equalization of rates, 141; agreement of, for nine-hour day, 153; negotiations with, for eight-hour day, 155, 157, 341-344; history of, 335; structure of, 336, 340, 341; functions of, 336.
——, New York, 335; relations with unions, 337-345.
Uniform constitution for subordinate unions, 33, 34, 35.
Union Printers' Home: 71; expenditures on account of, 74, 80; admission to, 97; number of residents, 97; legal ownership of, 98; management of, 98, 99; popularity of, 99. *See also* Home for aged printers.
United Typothetae. *See* Typothetae.
Union office, the: term defined, 279.
Wages: assessments on, 77; uniformity in rates of, 140.
Washington: early printers' society in, 6, 7.
Webb, Sidney and Beatrice, 172, 206.
Women printers: separate unions of, 41, 313-315; employment of, 309-311; admission to member-

ship of, 311-315; entrance of, to the trade, 316; policy of segregation of, 317; as machine operators, 318-319; increase in number of, 319-320.
Working card, 295 n.
Working day: policy of early societies with reference to, 143; development of regulations concerning, 144, 145, 211; movement for reduction in length of, 145-158. *See also* Nine-hour day and eight-hour day.
Working week, 221-224, 225.